



## VP-5THD

### 1:4 Computer Graphics Video & HDTV Distribution Amplifier with Twisted Pair Transmitter



The VP-5THD is a high-performance distribution amplifier for computer graphics video and HDTV signals. The unit takes one input, provides correct buffering and isolation, and distributes the signal to four identical 15-pin HD outputs plus one twisted pair output.

## FEATURES

- HDTV Compatible.
- High Bandwidth (-3dB) - 445MHz (15-pin HD).
- Resolution - WUXGA & 1080p.
- Sync Polarity Settings - H & V switches for improved display compatibility with the CAT 5 outputs.
- Twisted Pair Connector - RJ-45.
- Level (Gain) and EQ (Peaking) Controls.
- System Range (CAT 5) - Up to 100m (300ft).
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- Power Connect™ System - A single connection to the VP-5THD powers both units when the devices are within 150ft (50m) of each other.
- Desktop Size - Compact size. 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-1 adapter.



## VP-5THD

### TECHNICAL SPECIFICATIONS

INPUT:	1 XGA on a 15-pin HD connector.
OUTPUTS:	4 XGA on 15-pin HD connectors; 1 RJ-45 connector.
MAX. OUTPUT LEVEL :	1.7Vpp (XGA), 1.7Vpp (CAT 5).
MAX. RESOLUTION:	WUXGA & 1080p.
DIFF. GAIN:	0.8% (XGA), 3.2% (CAT 5).
DIFF. PHASE:	0.08Deg (XGA), 0.06Deg (CAT 5).
K-FACTOR:	0.1% (XGA), <0.05% (CAT 5).
S/N RATIO:	76dB (XGA), 73dB (CAT 5).
CONTROLS:	LEVEL: -7.4dB to 3.5dB (CAT 5). EQ.: 0 to 37.8dB @50MHz (CAT 5).
COUPLING:	DC (XGA), AC (CAT 5).
POWER SOURCE:	100-240V AC, 50/60Hz, (115V AC, USA), 13VA.
DIMENSIONS:	22cm x 18cm x 4.5cm (8.7" x 7" x 1.7") W, D, H (half 19", 1U).
WEIGHT:	1.2kg (2.6lbs) approx.
ACCESSORIES:	Power cord.
OPTIONS:	RK-1 19" rack adapter.

